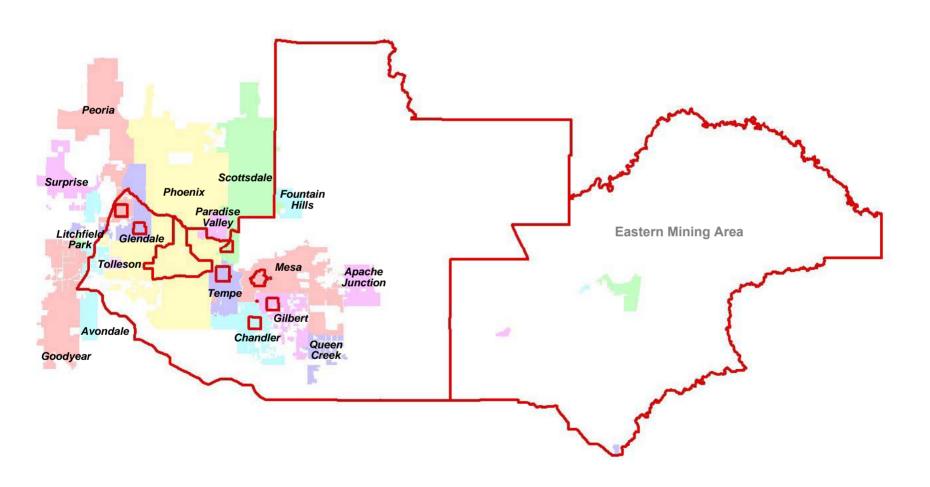
SRP Summer Preparedness 2006

Mike Hummel
Manager – Supply and Trading
and
Gary Harper
Manager - System Operations

ACC Summer 2006 Energy Preparedness Presentation March 30, 2006

SRP Electric Service Territory

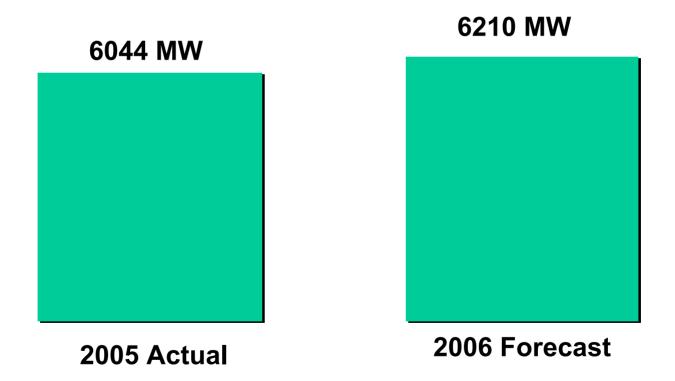


Summary

- Peak demand is expected to be higher than last year due to continued growth
- Adequate resources have been secured to meet the anticipated demand
- The effects of potential wildfires have been considered

3

Peak Load Forecast



Summer 2006 Outlook

Expected Need

Reserves

6210 MW

888 MW

SRP **Forecast Peak Load**

Expected Capability

Purchased Power

1428 MW

SRP **Generation**

5670 MW

5

Total 7098 MW Total 7098 MW

Reserves

- Provide an immediate response to forced outages
- Quantity is based on NERC and WECC operating criteria and contractual arrangements such as the Southwest Reserves Sharing Group
- A portfolio of resources is utilized to meet the reserve requirements
 - Balances "reliability" and "low cost" objectives

SRP Owned Generation – 2006

Total Capacity: 5670 MW New in 2006

Hydro & Other Renewables 275 MW

Gas 2949 MW

Coal 1789 MW

> Nuclear 657 MW

Santan 6 Addition: ≈275 MW

Mohave Out: (280 MW)

Net Increased Nuclear Capacity: 10 MW

Generation

- All SRP generation is expected to be available for summer peak demand
- Kyrene Units 1 & 2 are available under emergency conditions
- New Springerville Unit 3 expected to begin commercial operation in time to meet peak summer demand. SRP will receive 100 MW through a purchased power agreement

Purchased Power

- Purchased power portfolio is in place to meet demand
- Additional purchases may be needed to respond to forced unit outages
- Regional market conditions suggest that there will be sufficient capacity to meet the Arizona demand

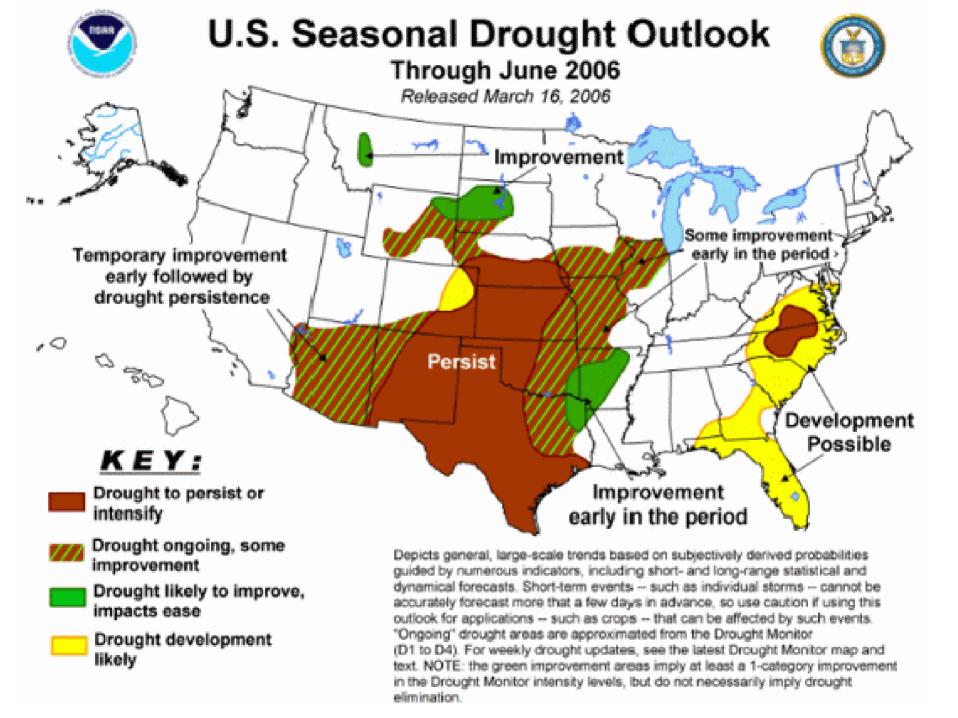
Generation Maintenance Completed By Summer 2006

Units

Agua Fria	1, 2, 3, 4, 5, 6
Coronado	2
Craig	1
Desert Basin	1, 2
Four Corners	4
Hayden	2
Horse Mesa	4
Kyrene	5, 6, 7
Mormon Flat	2
Navajo	3
Palo Verde	1, 3
Santan	1, 2, 3, 4
Stewart Mountain	1

Fuel Status

- Nuclear Full requirements under contract
- Coal
 - Plants expected to be at or above target inventories by summer season
 - Full requirements under contract
- Natural Gas
 - Transportation requirements under contract
 - Retail commodity requirements under contract
 - Distillate fuel back-up



Verde & Salt River Reservoirs

03/17/05 91% Full 1 03/17/06 77% Full 1

Roosevelt Dam:

- 79% Full
- 17 ft Storage Left

System Additions Stations

NEW	NUMBER
- Distribution Substations	4
- 28MVA 69/12kV Transformers	11
- 230kV Breakers	5
- 69kV Breakers	18
- 69kV Capacitors	128 MVAR

System AdditionsLines

ADDITIONS	NUMBER
- Pole Replacements	560
- Rebuilt/Upgrade 69kV Lines	18.1 Miles
- New Circuit Miles of 69kV Line	14.3 Miles

System Preparation

Transmission and substation maintenance and training will be complete by summer. This includes:

- Line patrols/inspections
- Preventative maintenance
- Pole re-enforcement
- Pole change-outs/ upgrades

- Tree trimming
- Cable replacement
- Storm planning
- Emergency procedure training
- Blackstart training

16

SRP/Wildland Fire Coordination

- Facilities identification and location
- Direct communication between SRP and Agencies
- SRP Advisor Representative on-site
- Firefighting safety information
- Participate in State Drill and Southwest Mutual Assistance Committee

SRP Electric Facility Fire Fighting

- Support development of Pre-Plan Information for each facility
- Provide Emergency Contact Information for each facility and responding firefighters
- Integrate SRP representatives into Incident Command System management
- Provide firefighter electrical safety awareness and facility orientation training

Arizona EHV Transmission Systems



Distribution

- Summer operating procedures reviewed and refresher training provided to O&M personnel
- Seven mobile transformers are available for service if needed
- If required, the process for implementing rotating outages has been automated
 - The planned sequence of substation outages and the duration of each outage is the same as in the past

Summary of Year 2006 Projected Conditions

- Transmission, SRP generation and planned energy purchases are adequate to serve the forecasted year 2006 demand
- Wildfires are our biggest concern
- Contingency plans are in place to handle emergency events

21

Santan Generating Station Units 5 & 6

